Package-01 1. Construction of Govt School rooms, Palanahalli and Kattigenahalli Village in Ward No. 05 2. Improvements to roads and drains in Agarahara, Agarahara Layout and Surrounding area in Ward No. 05 3. Improvements to Roads and Drains in Kogilu Layout and Surrounding areas in Ward No. 05 4. Improvements to Roads and Drains at Tirumenahalli and Surrounding areas in Ward No. 05

AGENCY:- SHANKARAPPA (MESPC INFRA PROJECTS PRIVATE LIMITED)
Estimated cost: 21570310.62
Amount put to Tender as per Sanction : 2,32,95,935.40
Agreement No. EE/Project/AG No; 83/18-19, Date : 25/12/2019
Accepted Tendered Amount : 2,32,95,935.40
Head of Account :

Workslip

Sl. No.	Description of work	Unit	As per Tender			Total Antisipated Qty	Total Amount 14+17	Qty up to 125%			Qty above 125%			Workslip Amount 11-09
			Qty	Rate	Amount			Qty	Rate	Amount	Qty	Rate	Amount	
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18
10	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	4.50	5776.66	25994.97	17.18	99214.15	5.63	5776.66	32522.60	11.55	5776.66	66691.55	73219.18
13	Earthwork in surface excavation in Ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Note : Adopt item 2.24 for excavation in all types of soils for lowering & levelling the ground for building works by mechanical means	Cum	76.50	183.12	14009.05	7062.98	1293405.88	95.63	183.12	17512.22	6967.35	183.12	1275893.66	1279396.84
14	Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	151.10	220.45	33309.93	302.51	66687.27	188.88	220.45	41638.52	113.63	220.45	25048.75	33377.34
15	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured)	Sqm	211.00	120.14	25349.37	229.33	27551.52	229.33	120.14	27551.52	0.00	120.14	0.00	2202.15

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16	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85Cum. and fine aggregates @ 0.57Cum. machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	39.10	5676.87	221965.57	61.80	350823.40	48.88	5676.87	277485.35	12.92	5676.87	73338.05	128857.83
17	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Ground Floor	Cum	4.50	6346.38	28558.72	17.17	108992.20	5.63	6346.38	35730.13	11.54	6346.38	73262.07	80433.48
18	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Terrace	Cum	1.00	6463.02	6463.02	1.19	7658.68	1.19	6463.02	7658.68	0.00	6463.02	0.00	1195.66
20	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.	cum	311.30	296.27	92227.48	433.80	128520.02	389.13	296.27	115285.83	44.67	296.27	13234.18	36292.54
22	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.	Sqm	58.40	269.44	15735.20	97.28	26210.97	73.00	269.44	19669.00	24.28	269.44	6541.96	10475.76
23	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	79.20	341.76	27067.01	199.32	68117.89	99.00	341.76	33833.76	100.32	341.76	34284.13	41050.88
24	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications Below Ground Floor	Sqm	10.70	426.90	4567.86	85.49	36497.85	13.38	426.90	5711.95	72.11	426.90	30785.90	31929.99
28	Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. First Floor	Sqm	11.60	304.43	3531.39	12.40	3774.94	12.40	304.43	3774.94	0.00	304.43	0.00	243.54
29	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Roof Beam	Sqm	28.70	298.60	8569.77	154.00	45983.50	35.88	298.60	10713.71	118.12	298.60	35269.79	37413.72

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30	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. First Floor	Sqm	28.70	304.43	8737.15	34.10	10381.08	34.10	304.43	10381.08	0.00	304.43	0.00	1643.92
32	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. First Floor	Sqm	2.60	320.76	833.98	3.60	1154.74	3.25	320.76	1042.47	0.35	320.76	112.27	320.76
33	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Ground Floor	Sqm	10.40	554.04	5762.02	27.64	15315.33	13.00	554.04	7202.52	14.64	554.04	8112.81	9553.31
34	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level Ground Floor	Sqm	208.40	365.08	76083.34	247.95	90522.38	247.95	365.08	90522.38	0.00	365.08	0.00	14439.04
35	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. First Floor	Sqm	34.80	371.92	12942.65	73.70	27410.15	43.50	371.92	16178.31	30.20	371.92	11231.84	14467.50
36	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 Cum. and fine aggregtes @ 0.47Cum., with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No KBS 4.1, 4.6	Cum	21.00	7256.17	152379.66	60.67	440198.14	26.25	7256.17	190474.58	34.42	7256.17	249723.56	287818.48
37	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lueing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.Ground Floor	Cum	49.50	7426.47	367610.21	69.90	519110.17	61.88	7426.47	459549.89	8.02	7426.47	59560.28	151499.96

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38	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum. with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. First Floor	Cum	10.00	7484.79	74847.89	15.00	112271.83	12.50	7484.79	93559.86	2.50	7484.79	18711.97	37423.94
40	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175Cum. and fine aggregtes @ 0.0345Cum., with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. First Floor	Sqm	2.60	537.71	1398.05	3.60	1935.76	3.25	537.71	1747.56	0.35	537.71	188.20	537.71
43	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Below Ground Level	MT	7.80	70692.00	551397.64	14.50	1025034.07	9.75	70692.00	689247.05	4.75	70692.00	335787.02	473636.43
44	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. First Floor	MT	1.30	71242.55	92615.31	1.80	128236.58	1.63	71242.55	116125.35	0.17	71242.55	12111.23	35621.27
45	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5 1 13	Cum	18.60	5837.83	108583.68	41.63	243038.17	23.25	5837.83	135729.59	18.38	5837.83	107308.58	134454.49
46	KSRB 5.4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13	Cum	8.00	6122.43	48979.47	16.47	100826.20	10.00	6122.43	61224.34	6.47	6122.43	39601.86	51846.73

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47	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	17.60	113.14	1991.28	34.24	3873.90	22.00	113.14	2489.10	12.24	113.14	1384.80	1882.62
48	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Ground Floor	Sqm	239.60	1092.92	261862.87	277.90	303721.58	277.90	1092.92	303721.58	0.00	1092.92	0.00	41858.71
49	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. First Floor	Sqm	55.70	1098.75	61200.31	58.70	64496.55	58.70	1098.75	64496.55	0.00	1098.75	0.00	3296.25
50	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Terrace	Sqm	10.80	1104.58	11929.47	22.80	25184.44	13.50	1104.58	14911.84	9.30	1104.58	10272.60	13254.97
51	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.Ground Floor	Sqm	6.00	835.14	5010.85	11.40	9520.62	7.50	835.14	6263.57	3.90	835.14	3257.06	4509.77
52	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. First Floor	Sqm	9.80	840.97	8241.55	14.30	12025.93	12.25	840.97	10301.94	2.05	840.97	1724.00	3784.38
53	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. Terrace	Sqm	66.80	846.81	56566.67	125.31	106111.62	83.50	846.81	70708.33	41.81	846.81	35403.28	49544.95

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54	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor	Sqm	363.00	230.95	83833.83	444.00	102540.56	444.00	230.95	102540.56	0.00	230.95	0.00	18706.72
55	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. First Floor	Sqm	76.00	242.61	18438.45	103.00	24988.95	95.00	242.61	23048.06	8.00	242.61	1940.89	6550.50
56	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Terrace	Sqm	154.00	254.28	39158.38	254.60	64738.47	192.50	254.28	48947.98	62.10	254.28	15790.49	25580.09
58	Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 18mm thick cost of materials complete as per specifications. First Floor	Sqm	76.00	9.33	709.17	103.00	961.11	95.00	9.33	886.46	8.00	9.33	74.65	251.94
59	Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 18mm thick cost of materials complete as per specifications. Terrace	Sqm	45.00	9.33	419.90	254.60	2375.72	56.25	9.33	524.88	198.35	9.33	1850.84	1955.82
62	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Internal Plastering) Ground Floor	sqm	310.00	194.79	60384.53	454.00	88434.12	387.50	194.79	75480.66	66.50	194.79	12953.46	28049.59
63	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Internal Plastering) First Floor	sqm	61.00	200.62	12237.87	64.00	12839.73	64.00	200.62	12839.73	0.00	200.62	0.00	601.86
64	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor	sqm	205.00	225.12	46148.62	236.00	53127.19	236.00	225.12	53127.19	0.00	225.12	0.00	6978.57
65	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. First Floor	sqm	36.00	230.95	8314.10	42.00	9699.78	42.00	230.95	9699.78	0.00	230.95	0.00	1385.68
67	Flooring with 20 mm thick polished shahabad slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. First Floor	sqm	48.00	1400.26	67212.63	58.00	81215.27	58.00	1400.26	81215.27	0.00	1400.26	0.00	14002.63

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70	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. Ground Floor	Sqm	363.00	176.13	63933.88	444.00	78200.12	444.00	176.13	78200.12	0.00	176.13	0.00	14266.24
71	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. First Floor	Sqm	76.00	184.12	13993.48	103.00	18964.85	95.00	184.12	17491.86	8.00	184.12	1473.00	4971.37
72	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. Terrace	Sqm	154.00	190.12	29278.97	254.60	48405.37	192.50	190.12	36598.72	62.10	190.12	11806.65	19126.39
73	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (Internal Walls) Ground Floor	Sqm	515.00	65.32	33638.98	690.00	45069.70	643.75	65.32	42048.72	46.25	65.32	3020.98	11430.72
74	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (Internal Walls) First Floor	Sqm	98.62	65.32	6441.70	106.00	6923.75	106.00	65.32	6923.75	0.00	65.32	0.00	482.05
75	Providing and applying painting in two coats with plastic emulsion paint of approved brand to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer Ground Floor	Sqm	310.00	104.98	32542.56	454.00	47659.10	387.50	104.98	40678.20	66.50	104.98	6980.90	15116.54
76	Providing and applying painting in two coats with plastic emulsion paint of approved brand to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer First Floor	Sqm	61.00	104.98	6403.54	64.00	6718.46	64.00	104.98	6718.46	0.00	104.98	0.00	314.93
77	Providing and applying painting in two coats with plastic emulsion paint of approved brand to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer KSRB 15-15.2 : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications. Ground Floor	Sqm	205.00	109.64	22476.53	236.00	25875.42	236.00	109.64	25875.42	0.00	109.64	0.00	3398.89

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78	Providing and applying painting in two coats with plastic emulsion paint of approved brand to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer KSRB 15-15.2 : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on ceiling and / or sloping roof as per specifications. First Floor	Sqm	36.00	109.64	3947.10	42.00	4604.95	42.00	109.64	4604.95	0.00	109.64	0.00	657.85
80	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. First Floor	Sqm	5.00	33.83	169.13	11.00	372.08	6.25	33.83	211.41	4.75	33.83	160.67	202.95
82	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. First Floor	Sqm	5.00	95.64	478.22	11.00	1052.09	6.25	95.64	597.78	4.75	95.64	454.31	573.87

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84	Door Frame - Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS.277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm screwed to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped are to be welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 59 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & mortar guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including	Rmt	5.30	711.50	3770.97	10.20	7257.34	6.63	711.50	4717.27	3.57	711.50	2540.07	3486.37
86	Door Shutters Entrance : Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 0.60 mm thick conforming to the IS: 14246. The door shutters consist of two outer skins if steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom sides to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg/M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60 mm to be provided for fixing all hardware fixtures. The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm longTower Bolt, transportation, loading, unloading, HOM etc. First Floor	Sqm	2.30	4117.39	9470.00	4.40	18116.52	2.88	4117.39	11858.09	1.52	4117.39	6258.44	8646.52
90	Providing and fixing M.S. Hand railing for Balcony / Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete : The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Sqm	11.00	3086.29	33949.24	81.90	252767.51	13.75	3086.29	42436.55	68.15	3086.29	210330.96	218818.27
91	Providing and fixing on wall surface 2.5kg/sq.cm P.V.C rain down water pipes (Spouts) 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications.	Rmt	8.00	548.21	4385.66	18.00	9867.74	10.00	548.21	5482.08	8.00	548.21	4385.66	5482.08

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116	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adheslve paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary - 25mm dia 2mm thick	Mtr	250.00	61.56	15390.00	315.00	19391.40	312.50	61.56	19237.50	2.50	61.56	153.90	4001.40	
					3449960.21		6952485.09			4247594.27			2704890.81	3502524.88	

Workslip Amount / Amount put to tender = 15.03 %

Contractor

Assistant Executive Engineer
Yalahanka Project Division, Byatarayanapura

Executive Engineer
Yalahanka Project Division, Byatarayanapura

Chief Engineer
Yalahanka Project Division, Byatarayanapura

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